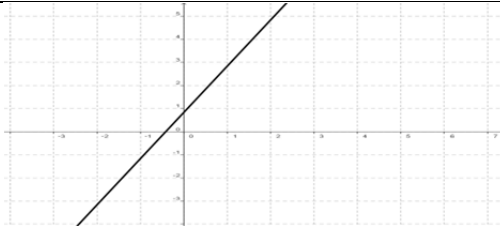
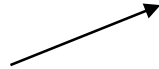
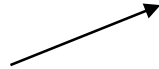
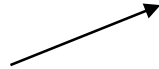
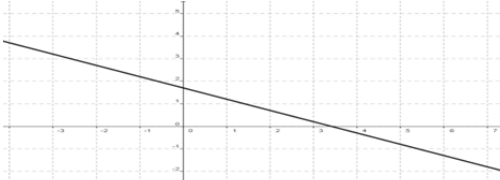
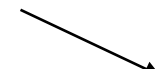
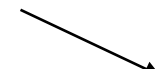
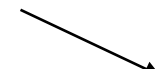
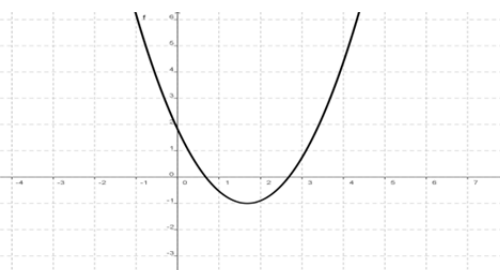
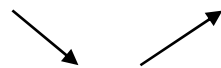
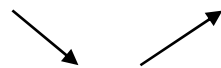
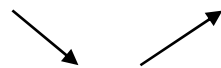
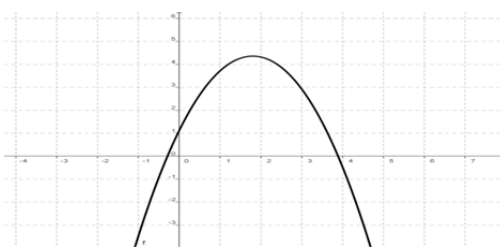
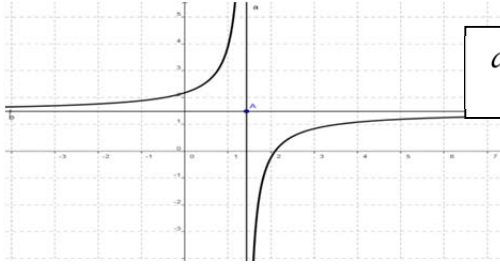
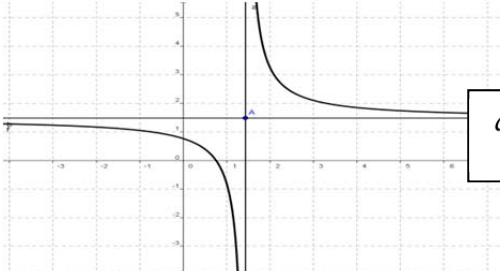


التمثيل المبياني	الخصائص	الدالة								
	$a > 0$ <table><tr><td>x</td><td>$-\infty$</td><td>$+\infty$</td></tr><tr><td>$f(x)$</td><td colspan="2"></td></tr></table> $y = ax + b$ مستقيم معادلته (Cf)	x	$-\infty$	$+\infty$	$f(x)$			$f(x) = ax + b$ $a \neq 0$		
x	$-\infty$	$+\infty$								
$f(x)$										
	$a < 0$ <table><tr><td>x</td><td>$-\infty$</td><td>$+\infty$</td></tr><tr><td>$f(x)$</td><td colspan="2"></td></tr></table>	x	$-\infty$	$+\infty$	$f(x)$					
x	$-\infty$	$+\infty$								
$f(x)$										
	$a > 0$ <table><tr><td>x</td><td>$-\infty$</td><td>$-\frac{b}{2a}$</td><td>$+\infty$</td></tr><tr><td>$f(x)$</td><td colspan="3"></td></tr></table> $\Omega\left(-\frac{b}{2a}; f\left(-\frac{b}{2a}\right)\right)$ شلج رأسه (Cf) محوره المستقيم ذو المعادلة : $x = -\frac{b}{2a}$	x	$-\infty$	$-\frac{b}{2a}$	$+\infty$	$f(x)$				$f(x) = ax^2 + bx + c$ $a \neq 0$
x	$-\infty$	$-\frac{b}{2a}$	$+\infty$							
$f(x)$										
	$a < 0$ <table><tr><td>x</td><td>$-\infty$</td><td>$-\frac{b}{2a}$</td><td>$+\infty$</td></tr><tr><td>$f(x)$</td><td colspan="3"></td></tr></table>	x	$-\infty$	$-\frac{b}{2a}$	$+\infty$	$f(x)$				
x	$-\infty$	$-\frac{b}{2a}$	$+\infty$							
$f(x)$										
	$ad - bc > 0$ <table><tr><td>x</td><td>$-\infty$</td><td>$-\frac{d}{c}$</td><td>$+\infty$</td></tr><tr><td>$f(x)$</td><td colspan="3"></td></tr></table> $\Omega\left(-\frac{d}{c}; \frac{a}{c}\right)$ هذلول مركز تماثله : (Cf) مقارباه المستقيمان : $y = \frac{a}{c}$ و $x = -\frac{d}{c}$	x	$-\infty$	$-\frac{d}{c}$	$+\infty$	$f(x)$				$f(x) = \frac{ax + b}{cx + d}$ $ad - bc \neq 0$
x	$-\infty$	$-\frac{d}{c}$	$+\infty$							
$f(x)$										
	$ad - bc < 0$ <table><tr><td>x</td><td>$-\infty$</td><td>$-\frac{d}{c}$</td><td>$+\infty$</td></tr><tr><td>$f(x)$</td><td colspan="3"></td></tr></table>	x	$-\infty$	$-\frac{d}{c}$	$+\infty$	$f(x)$				
x	$-\infty$	$-\frac{d}{c}$	$+\infty$							
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